MouseCaster®
User's Manual

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About MouseCaster

MouseCaster is an innovative PS/2 or USB mouse with a built-in digital radio receiver designed to provide unlimited listening enjoyment.

MouseCaster turns your PC into a Digital FM Radio with an onscreen control panel.
Using MouseCaster, you can:

- Listen to live radio broadcasts without an Internet connection.
- Record in various formats (WAV, MP3, Ogg Vorbis).
- Program the radio as an alarm clock or to catch scheduled programs.
- Personalize the onscreen radio panel with a variety of designs.

MouseCaster replaces your old mouse, connecting to the same PS/2 or USB port. The digital tuner has a capacity for 28 preset channels. Single-button access to the MouseCaster website provides upgrades and additional skins.

FCC Statement

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not authorized by the manufacturer may void product's warranty.

System Requirements

- Available USB or PS/2 port
- CD-ROM drive
- 20MB free disk space for application
  (for each additional skin you will need approximately 2MB)
- IBM® or compatible PC with Windows® 95, Windows® 98, Windows NT® 4.0, Windows® 2000, Windows® XP or Windows® Me.
- Sound card with line-in or microphone port.

Conventions and Definitions

The following conventions are used in this book for best readability:

Click/Select	With **left** mouse button. If right button is required, it will be stated.
Bold	Refers to either a key on radio panel or keyboard.
Skins	This universal term refers to a graphic user interface, in this case the radio control panel. Changing the skin is described in this document.

MouseCaster Installation

Caution:	**Before installing MouseCaster, turn off your computer. Removing and inserting cables into your computer's mouse port while the computer is on can damage the mouse port or your computer.**

MouseCaster offers two types of mouse with the system:

- **Cord Mouse** (Optical or Ball)—follow installation instructions below.
- **Wireless Mouse** (Optical Rechargeable.)—follow instructions on ***page 7.***

MouseCaster Cord Mouse Installation

Replace your current mouse by doing the following:

- Turn off your computer.
- Unplug your old mouse.
- Plug the MouseCaster PS/2 connector into the mouse PS/2 port **or** plug the USB connector into an available USB port ***(see Figure 1, Figure 2, and Figure 3).***

  Plug the male RCA jack into the Line-In port of your computer's sound card (usually in the center of the card).

  Note: Jack may also be connected to the microphone slot.

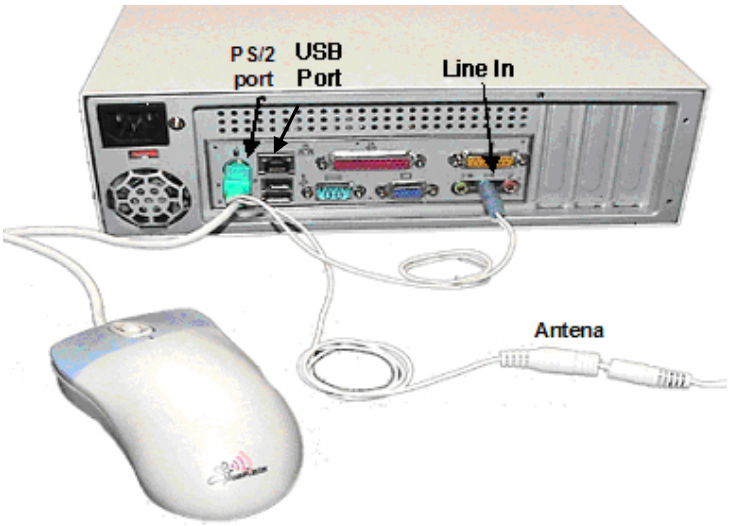


Figure 1: Back View of a Typical Computer

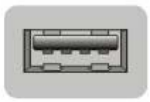


Figure 2: USB Port

Figure 3: PS/2 Port

If the reception is not clear, plug the antenna's female jack into the RCA mono jack T-type cable connected to the MouseCaster *(supplied in the package).*

Leave antenna wire loose anywhere desired.

Note: For best reception, hang antenna as high as possible.

Software Installation

Note: disable all Firewall / Security / Antivirus programs running on your computer for the duration of the installation.

1. Insert MouseCaster's Installation CD into your CD-ROM drive.
2. The Auto Run window appears.
3. Setup application will run automatically.

Note: If the Setup Wizard does not open, browse the CD drive and double-click on the **setup.exe** file.

4. Follow the Setup Instructions to complete the installation.

Note: Setup Wizard will ask if you want to reboot now or later. You must reboot your computer before using the MouseCaster program for the first time.

After reboot, a MouseCaster icon will be placed on your desktop and a program listing will appear in the Windows Program folder.

Wireless MouseCaster Installation

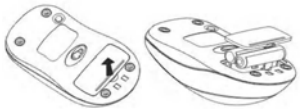
Package Contents

1 x Wireless Optical MouseCaster

2 x AAA NiMH Rechargeable Batteries

1 x USB to PS/2 Adapter

1 x Recharging Base and Receiver-Cradle



Install the Mouse Batteries

- Open the battery cover.
- Insert batteries as shown into the battery compartment.

Connect the Cradle to the Computer

- Turn off your computer.
- Plug the cradle into either a PS/2 or a USB port in the back of your computer. ***(see Figure 4-6.)***

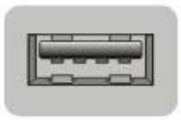


Figure 4: USB Port

Figure 5: PS/2 Port

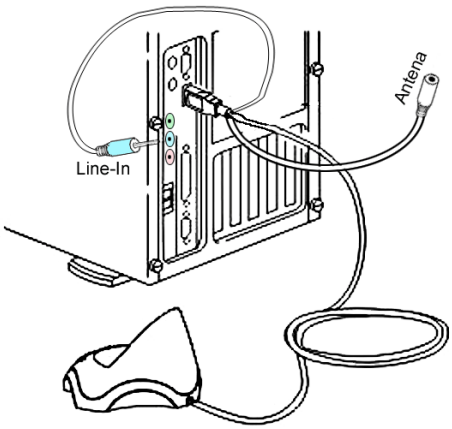


Figure 6: PS/2, USB and Line-In Installation

Connect the Line-In and the Antenna Cable

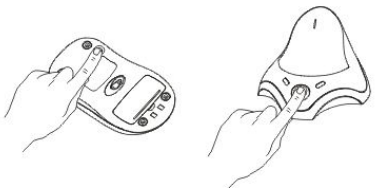
- Plug the blue RCA jack into the Line-In port in the computer's sound card. The port is usually found in the middle.

Note: The RCA plug may also be connected to the microphone jack.

- **Optional**—Plug the antenna female jack into the RCA mono jack T-Type cable that splits from MouseCaster.
- **Charge the batteries**—Put the mouse on the cradle, turn on the computer and let it charge for a full 12 hours. Make sure the charge indicator light is ON.

Note: To extend the life of the batteries, they must be charged for a full 12 hours for the first time. During use, if the mouse is not working properly, the batteries are probably weak and need to be recharged. Follow the above procedure to recharge the batteries. Normally it will take 6 hours to fully recharge the batteries.

Hook up the Mouse with the Cradle



- Bring the mouse and the cradle to a close proximity and make sure that there is a clear and unobstructed visual line between them.
- Press and hold simultaneously the CONNECT buttons on the cradle and on the bottom of the mouse.

Install the Software

Note: Disable all Firewall / Security / Antivirus programs running on your computer for the duration of the installation.

1. Insert MouseCaster's Installation CD into your CD-ROM drive.
2. The Auto Run window appears.
3. Setup application will run automatically.

Note: If the Setup Wizard does not open, browse the CD drive and double-click on the **setup.exe** file.

4. Follow the Setup Instructions to complete the installation.

Note: Setup Wizard will ask if you want to reboot now or later. You must reboot your computer before using the MouseCaster program for the first time. After reboot, a MouseCaster icon will be placed on your desktop and a program listing will appear in the Windows Program folder.

MouseCaster Operation

Starting MouseCaster

To Start MouseCaster Program

- Double-click on MouseCaster's icon, or select MouseCaster from the Start menu—Programs.
- MouseCaster's radio panel appears.

Note: If the radio panel is not visible, it is probably hidden behind another open program. See ***System Icon Description*** below and show radio panel. See the **Properties** section for instructions on setting the panel to always remain on top.

If there is no sound, read about how to set sound card Settings in ***"Setting the Sound Card Properties" on page 10.***

System Icon Description

When MouseCaster is running, a System icon in the shape of a pink speaker appears in the SysTray area of the computer's desktop (bottom right corner of screen).

Figure 7: SysTray

The System Icon Enables the Following Functions

Mute: Turns Mute on/off.

Show Radio Panel: Brings up Radio Panel, if hidden.

Settings: Selects the sound card connection if there is no sound when MouseCaster is installed (no Line-In).

Exit: Closes MouseCaster program.

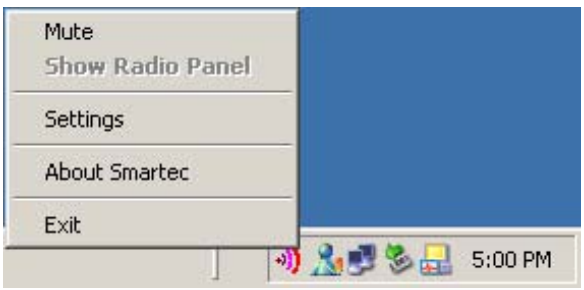


Figure 8: System Icon Menu

Setting the Sound Card Properties

Perform the steps below if there is no sound after installing MouseCaster.

- Right-click on the **System** icon. Left-click on the **Settings** option.
  The Settings menu window opens:

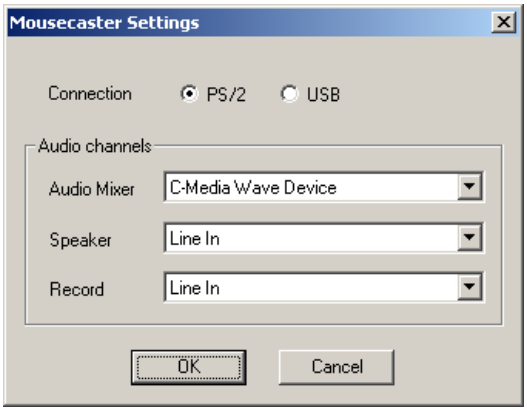


Figure 9: Sound Card Property Options

- Select either the PS/2 or the USB connection. Your selection must be consistent with the actual port you used to connect MouseCaster to your PC.

- Click on the **Audio Mixer** pull-down arrow to view a list of the sound cards installed on your computer. If there is more than one, select the Sound Card which is connected to the **Line-In** connector.
- Click on the **Speaker** pull-down arrow to view the options offered by your specific sound card. The default is **Line-In**. If there is no Line-In, select **Auxiliary** or try another option from the list. Press **OK**.
- Repeat the above steps until you hear the radio.
- Repeat the same procedure for the **Record** option.

Turning Off MouseCaster

To Exit from MouseCaster Program and Turn Off the Radio

Use one of the following methods to turn off and exit from MouseCaster:

- Right-click on the System icon at the bottom right corner of the desktop and click on **Exit.**

OR

- Click on the **Properties** button at the top left corner of the radio panel (green dot) ***(see Figure 10)*** and select **Exit** from the drop-down menu.

An exit message will appear as shown in ***Figure 11***. Select **Yes** to exit or **No** to remain.

Note: When MouseCaster is turned off, any preprogrammed Timer or recordings will be disabled and saved until the next time MouseCaster is turned on.

Figure 10: Exiting MouseCaster

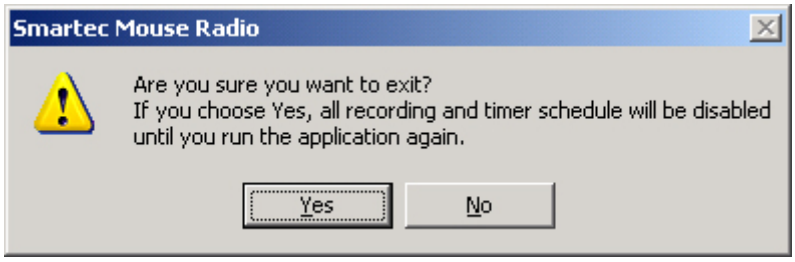

Smartec Mouse Radio
Are you sure you want to exit?
If you choose Yes, all recording and timer schedule will be disabled until you run the application again.
Yes
No

Figure 11: Exit Message

Note: The last channel played before exiting is the channel that will automatically play the next time MouseCaster is opened.

Introduction to the Radio Panel

The radio panel is the main window of MouseCaster and is displayed when you open the program. The actual panel design (skin) may vary according to where MouseCaster was purchased. See "Page 24" to learn how to change the skin.

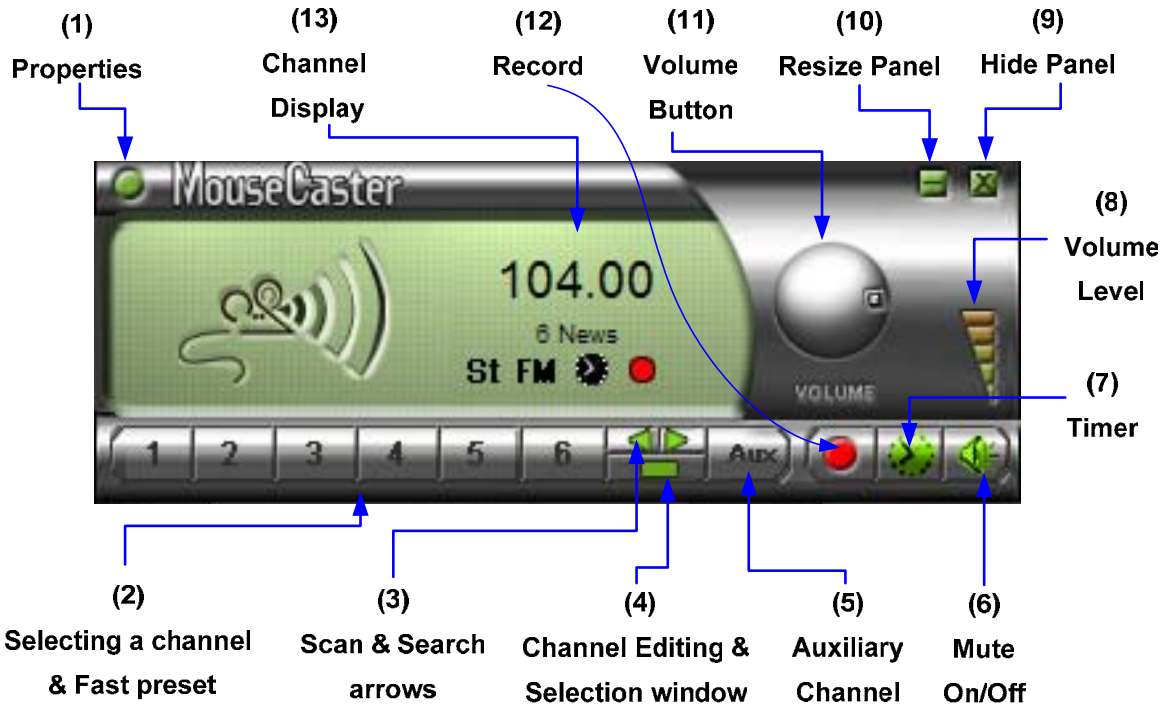


Figure 12: Main Radio Panel

1. **Properties:** here you can set the panel to be always on top, select or download skins, and set soundcard's properties.
2. **Preset Channels**: lets you preset and select channels.
3. **Scan and Search Buttons**: lets you search and fine-tune channels in increments of 0.05 or, when arrow is held down, finds the next available channel in your area.
4. **Channel Editing & Selection Window:** opens window where you may preset and edit up to 28 channels.
5. **Aux** (Optional): sets an **Auxiliary Channel** for use with a third-party FM transmitter. Transmitter is not included in MouseCaster package.
6. **Mute** on/off: mutes or un-mutes volume.
7. **Timer**: Turns radio on and off according to time, day and date.
8. **Volume Level**: displays volume level.
9. **Hide Panel**: reduces panel to thin strip.
10. **Resize Panel**: restores panel to full size after hide.
11. **Volume Control**: controls volume level.
12. **Record Button**: sets recording format and recording schedules.
13. **Channel Display**: shows current channel, gives stereo broadcasting indication, displays **Rec** when recording is on, and shows **clock symbol** if timer is set.

Panel Operation and Radio Features

Presetting Channels

To Preset a Channel with the 6 On-Panel Channels Buttons

Press and hold the Scan Arrows on the radio panel and wait for MouseCaster to find the next available channel in your area. Once a desired channel is found, press one of the 6 Channel Buttons on the Panel and hold for 2 seconds. You will hear a beep—the channel is set ***(see Figure 13, Scan Arrows***).

Note: You can click and release to change channel numbers in increments of 0.05.
For example: 96.50, 96.55, 96.60, and so on.

Figure 13: Finding a Channel

Presetting Channels to the 28-Channel Library

- Click the **Channel Selection and Editing** window button to open the 28-Channel Library ***(see Figure 12, item 4)***.

  The Channel Selection and Editing Window contains columns for frequencies and Channel Names ***(see page 14***).

- Click the **Edit** button in the bottom left corner of the screen. The fields turn white—you are ready to edit.

- Select the channel number you want to set (1-28) by clicking the **Option** button next to the number.

- Perform Search and Scan functions using the right and left Scan Arrows in the top right corner of the window ***(see Figure 14: Channel Selection and Editing Window***).

- The channel frequency will appear in the **Edit Channel Frequency** box. Press **Set** to set the channel. The selected frequency will appear in the **Frequency** box next to the number you chose.

- (Optional) To add a channel name, click inside the **Channel Name** box (second column) and type in the name. This is the name that will appear in the Channel display section of the radio panel ***(see Figure 12, item 13***).

- Once you have finished setting the desired channels, press OK to close the Channel Selection and Editing Window.

To Edit a Preset Channel

- Click the **Edit** button in the bottom left corner of the screen. The fields turn white—you are ready to edit.
- Select one of the preset positions (1-28) by clicking the **Option** button next to the setting number. The button turns black to indicate the number selected. To change, simply click a different box.
- Click inside the **Frequency** box and type in the channel's frequency. If you are not sure about the frequency, use the **Scan** and **Set** buttons to find and set the exact tuning.
- To change part of a channel frequency, click inside the box and either press the delete key or drag the cursor over the digit to be changed. Then make the correction.

Note: **The format for channel numbers is XXX.XX. You must always enter three digits before the decimal point. For channels less than 100 MHz, you must enter a leading 0 before the number; for example, 099.50. MouseCaster automatically converts the number to 99.50.**

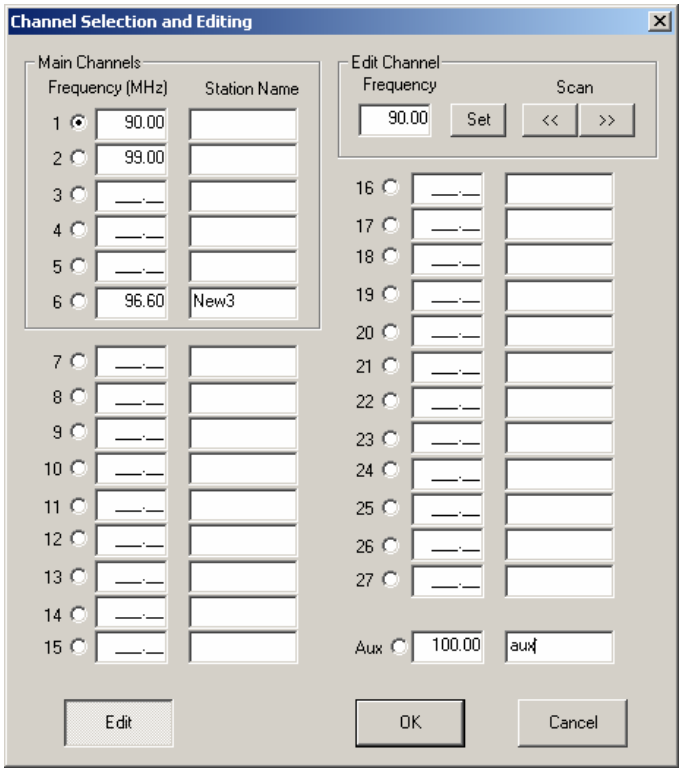


Figure 14: Channel Selection and Editing Window

- (***Optional***) To add a channel name, click inside the **Channel Name** box (second column) and type in the name. This is the name that will appear in the Channel display section of the radio panel ***(see Figure 12, item 13)***.
- Enter additional channels if desired.
- Click on **OK** when finished or **Cancel** if you wish to cancel the changes you made.

Selecting a Preset Channel

You may select channels 1-6 directly from the radio panel by pressing one of the channel buttons ***(see Figure 12, item 2)***.

To select channels 7-28, open the Channel Selection and Editing Window.

- Click the **Option** button next to the desired channel number. The channel will change.
- Press OK to close the window.

Selecting Panel Size

The radio panel can be displayed in two sizes: full (default, Figure 12) and reduced (narrow bar, **Figure 15**).

When you open the MouseCaster program for the first time, the panel will open in the full size.

The Resize Panel button is used to reduce and restore the panel to its original size. It is located at the top right corner of the radio panel and looks like a dash (see **Figure 12**, item 10).

Changing Panel Size

1. Click the **Resize Panel** button. The panel is reduced to a narrow bar as shown in Figure 15. The dash disappears and an empty square remains.
2. Click the **Resize Panel** button again to return the panel to its original size.

Figure 15: Reduced Panel Bar

Note: The **Record**, **Timer**, **Search**, and **Properties** buttons are displayed only in the full size panel.

Hiding Panel

- Click on the X in the top right corner of the panel ***(see Figure 12, item 9)***.
  The panel disappears.
- To restore the panel, open the **System** icon in the bottom right of the computer screen with a right mouse click or double-click. Then select **Show Radio Panel** with left mouse click.

Moving the Radio Panel

You may move the radio panel by grabbing-and-dragging with a left click (drag and drop).

To Move the Radio Panel

- To move a full-size panel, position the cursor anywhere along the top edge of the panel.
- To move a reduced panel, position the cursor at the panel's left side.
- Click and hold the left mouse button and drag the panel to the desired location.
- Release the mouse button.

Volume Control

The **Volume Control** dial is shown in ***Figure 12, item 11***, and the **Volume Level**, ***item 8***. The small knob on the dial is used to change the volume. The knob moves on the right side only from top to bottom—12 o'clock (the loudest) to 6 o'clock (the lowest).

In ***Figure 12***, the **Volume Control** dial is almost at its loudest position.
In ***Figure 16***, the Volume is at midpoint.

Figure 16: Medium Volume Setting

Changing the Volume

- Position the cursor on the knob of the **Volume Control** dial.
- Click and hold with the left mouse button, while dragging the knob to a lower or higher position (softer or louder), on the right side. The volume level will change accordingly.

Enabling/Disabling the Mute Setting

The **Mute** button, located in the bottom right corner of the panel, resembles a speaker. ***(see Figure 12, item 6***). The **Mute** button acts as a toggle switch, turning the volume completely off or on to the previously set level.

Click the **Mute** button to silence the radio. Click again to listen.

The **System** icon in the lower right corner of your desktop may also be used to **Mute/Un-Mute** the radio volume.

Enabling/Disabling the Mute Setting Using the System Icon Properties Menu

- Right-click on the **System** icon. Select **Mute** with a left click to **Mute/Un-Mute** the volume.

Note: If there is still no sound, check your computer's speakers.
The volume button may be turned down or the speakers may be off.

Recording

MouseCaster provides 2 recording options:

- **Instant Recording**—Manually record current station and stop at any time.
- **Programmed Recording**—Preset time, day and occurrences in advance for multiple recordings.

You can set the day, date, time and duration of a recording, repeat recording and even listen to prerecorded files while recording.

Note: In order to play the recorded material you will need appropriate software such as:

- MP3
- Windows WAV Player or Media Player
- MouseCaster Ogg Vorbis Player
- WINAMP
- Other Applications

Instant Recording

1. Open the Record Window by clicking the **Rec** button on the main panel.

The panel shown in ***Figure 17*** appears.

Figure 17: Main Record Panel

2. Press **Record Now** to start recording.
3. Press **Stop Recording** to end.

Note: The recorded files are saved by default at the **My Documents** folder. If you want to set a different place, click **Rec** > **Setting** and make your own selection ***(see Figure 18*** for the Recording Setting window).

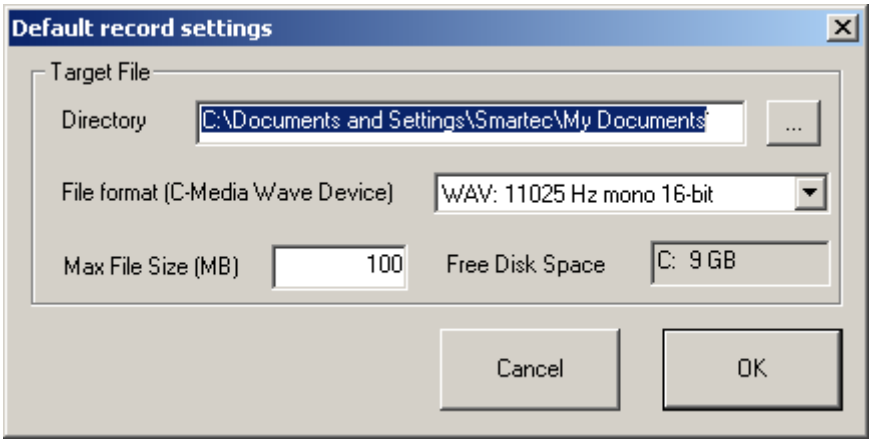


Figure 18: Record Setting

Programmed Recording

1. Open the Record Window by clicking the **Rec** button on the main panel.
2. To schedule a new recording event, press **Add.**
3. Press **Remove** to delete the selected (highlight) event from the list of recording events. Press **Edit** to change the selected event.
4. Press **Close** to close the window and return to the main panel.

Setting Schedule Dates

Refer to ***Figure 19*** for the steps below. If at any time you wish to stop or close the window, press **Cancel**. To start over, press **Clear All.**

1. Set the scheduled dates. The format is determined by your computer's settings. In the figure, the format is mm/dd/yyyy where:

   mm = month dd = day yyyy = year

2. Click on the arrow to the right of the **Start** box to view the monthly calendar. Use the right and left arrows at the top to change the month. Click on the desired date. The calendar view will close.

Note: You may also type in the date manually according to the date format.

- Repeat the above for the **Until** date field if the recording(s) is to continue beyond the current day.

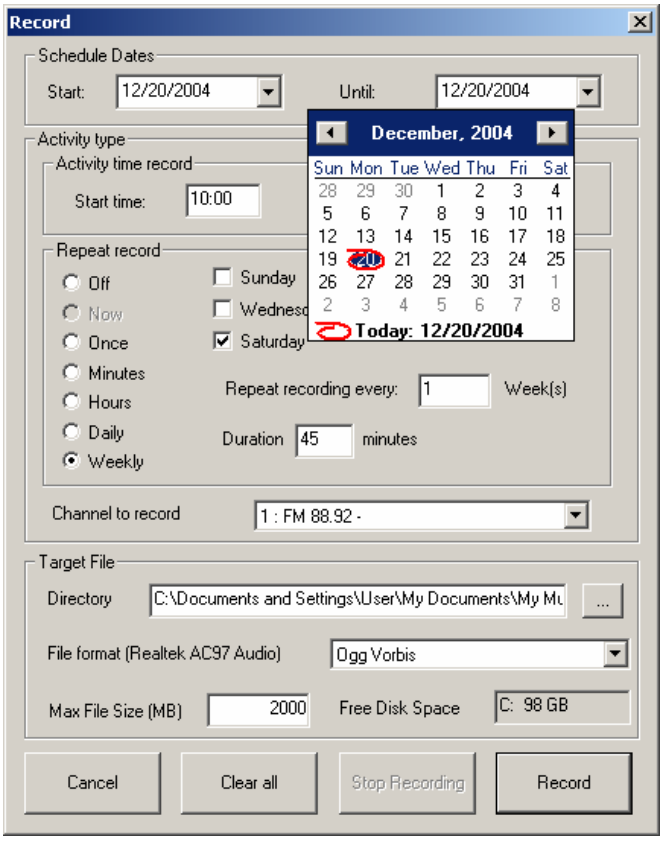


Figure 19: Record Window

Setting Activity Time

- The time is kept in 24-hour (military) time; i.e., 13:00 is 1PM, 18:00 is 6PM and 24:00 is midnight.
  (To calculate, add 12 to any hour from 1PM to midnight.)
- Enter the start time and end time.

Repeat Recording

MouseCaster lets you record repeatedly at specific intervals after the initial start time. In most cases you will also specify the duration.

The fields used in the Repeat Recording section are as follows:

Off: Turns off recording.

Once: Records only once. Enter duration in minutes.

Minutes: Repeat recording every X minutes. Enter duration in minutes.

Hours: Repeat recording every X hours. Enter duration in minutes.

Daily: Repeat recording every X days. Enter duration in minutes.

Weekly: Days of the week appear. Select one or more days. Then enter a number to repeat every X weeks. In ***Figure 19*** the recording is set for Sundays and Thursdays and to repeat every 1 week, i.e., every week. If you want to record every other week, enter 2, and so on. Set the duration in minutes.

Setting Channel to Record

Click on the arrow to view the pull-down menu containing a list of all preset channels.

Note: Only channels that you have preset in the Channel Selection and Editing window are available for recording. Move the cursor to the desired channel and click again.

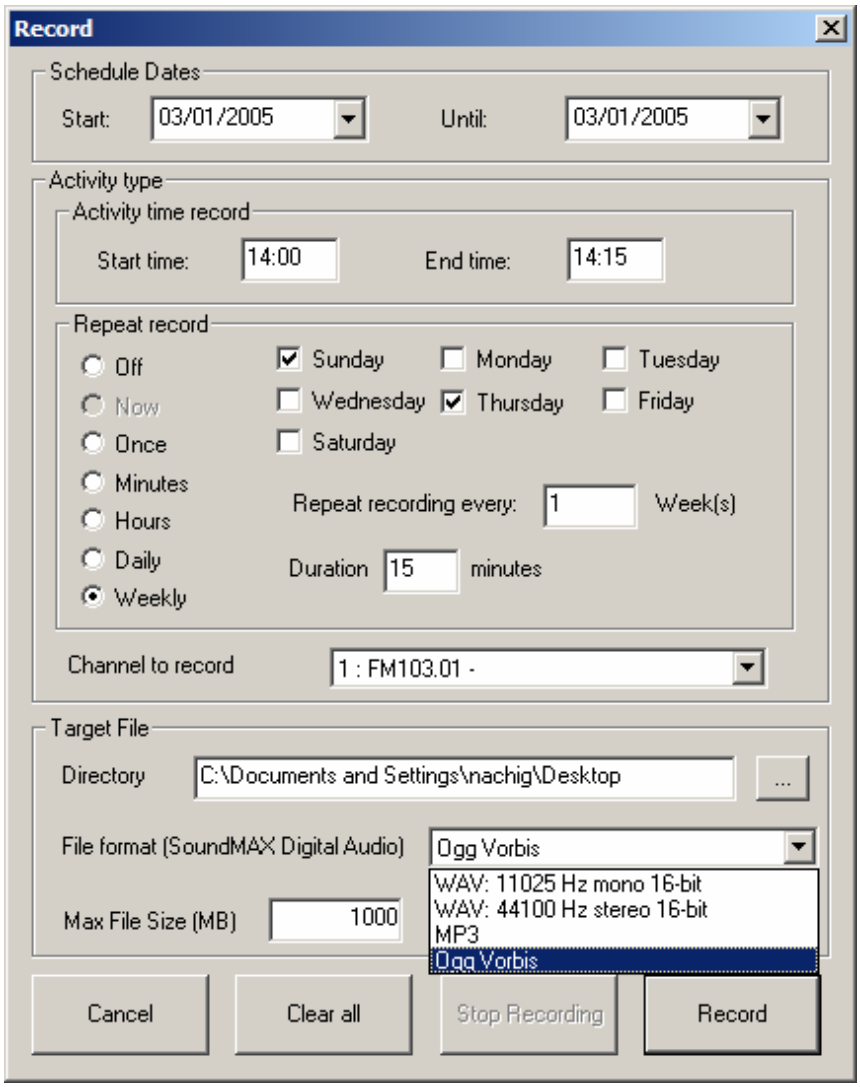


Figure 20: Setting Recording to Repeat Every Week

Setting Target File

The **Target File** is the location on your computer where you want the recorded file to be stored. The **Directory** field will show the file and path name.

Press the right button with the dots to browse your hard drive and select a location. A window opens much like Windows Explorer.

Click on each folder or plus sign until you find the desired folder.

Selecting File Format

Click on the arrow to view the drop-down menu. The choices are:

- **WAV 11025 Hz mono**: For voice recordings such as the news.
- **WAV 44100 Hz stereo:** Good for music—utilizes approximately 10MB per minute.
- **MP3**: Music—utilizes approximately 1MB per minute.
- **Ogg**: Music—utilizes approximately 300KB per minute.

The format you choose will also depend on which media player you have installed on your computer or other device.

Note: If you choose MP3 as the file format (***see Figure 21***), MouseCaster will check for the MP3 encoder. If not found, you will be asked if you want MouseCaster to search your entire hard drive (***see Figure 22***). Select **Yes** to continue searching. If MouseCaster doesn't find an MP3 encoder installed in your computer, you will be asked to download one from the Internet. Refer to the Installation CD for further information.

A search window is displayed as the MouseCaster searches the files.

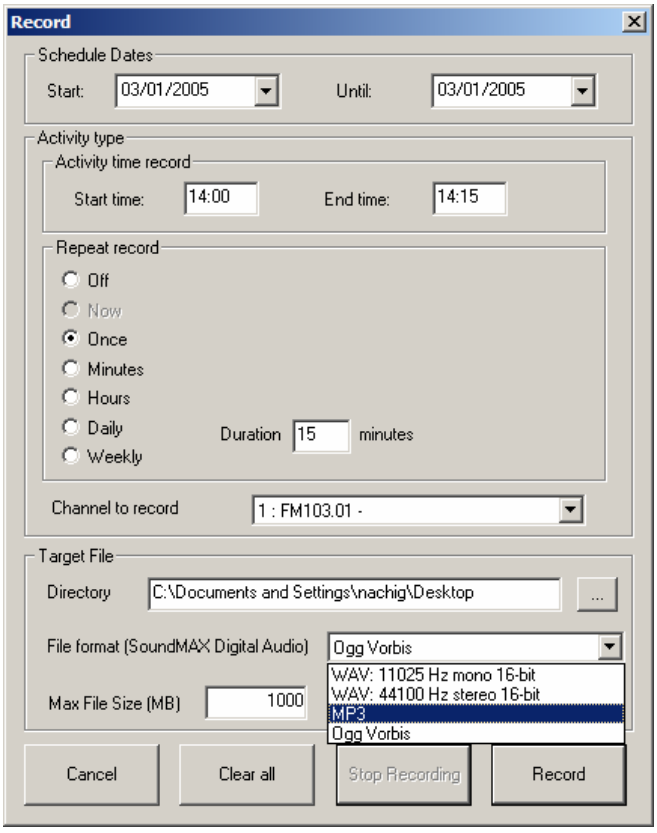


Figure 21: Choosing MP3 Record Format

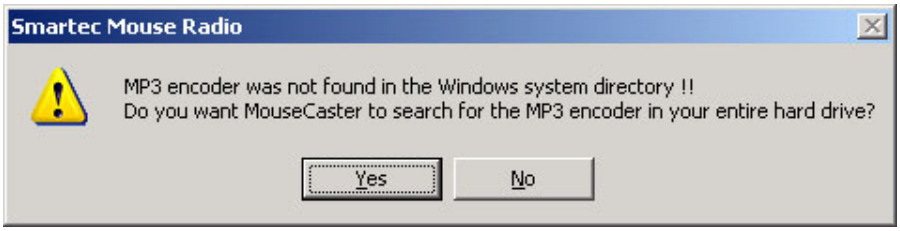

Smartec Mouse Radio
MP3 encoder was not found in the Windows system directory !!
Do you want MouseCaster to search for the MP3 encoder in your entire hard drive?
Yes
No

Figure 22: Missing MP3 Encoder Message

Setting the Maximum File Size

This field will prevent large recorded files from being created in error if you should make a mistake in the record settings.

Free Disk Space: Your computer will automatically show you the amount of free disk space in your hard drive to assist in the maximum size definition.

1. Enter the maximum size in megabytes that you will allow the file to be.
   The default is 100MB.
2. When finished, press **Record**. **Rec** appears in the Channel display, showing that the MouseCaster has been programmed to record. During recording, **Rec** will be blinking.

Stopping the Recording

1. Open the Record Window if not currently open.
2. Press **Stop Recording.**

Setting Recording Priorities

When there is more than one program on the Recording schedule, MouseCaster gives priority to the program that appears higher on the list. To move a program to an upper place, double-click on it and it will move one place up ***(see Figure 17***).

Listening to Prerecorded Material While Recording

1. Press the **Mute** button to silence the radio.
2. Open a prerecorded file from its location on your hard drive.
3. To stop, close the file.

File Names

MouseCaster automatically gives a name to the record file as follows:

channel_date_time - where time is hour/minutes/seconds

*For example****: 9900_12Sep2002_230931***

Timer

The timer is useful when you wish to open MouseCaster or change channels automatically.

Setting the Start Time

1. Click the timer button to open the Timer window ***(see Figure 12, item 7)***.
2. If at any time you wish to close the window or stop the process, select **Cancel**.
3. Set the start time and duration in minutes ***(see Figure 23)***.

For example: At 12:30 you want to switch to another channel and then after 5 minutes to switch back.

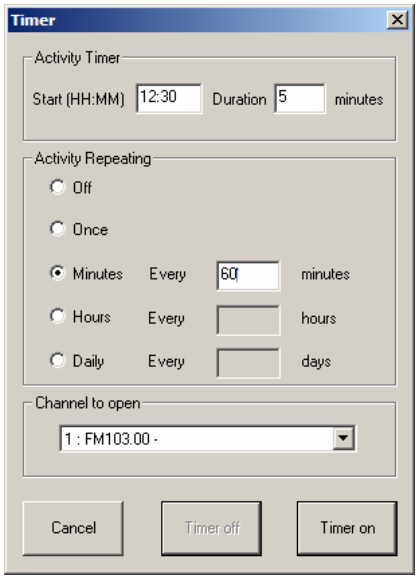


Figure 23: Timer Window

Setting the Repeat Activity Function

This window is similar to the Record Window.

Off: Shuts off the timer.

Once: Starts the timer at the stated time and does not repeat the activity again.

Minutes: Repeats programmed activity every X minutes.

Hours: Repeats programmed activity every X hours, such as every hour to listen to the news.

Daily: Repeats programmed activity every X days.

Select **Cancel** if you wish to exit without setting the timer.

Press **Timer On** when finished to process the request. The **Timer Clock** appears in the channel display area, showing that the timer is set. When the timer begins its countdown, say, during the news, the clock will blink repeatedly until the timer shuts off.

Stopping the Timer

1. Open the **Timer Window** if not already open.
2. Press **Timer Off** to stop the timer.

Panel Properties

Setting the Properties

1. Click the green **Properties** button in the top left corner of the radio panel ***(Figure 12, item 1).***
2. Select **Settings** from the drop-down menu.

Figure 24: Properties Window

Setting the Panel to be on Top

1. Select **Always on top** if you want the panel to remain on top at all times regardless of other open programs.

Selecting the Panel Design or Skin

1. Click on **Select skin**. A scrollable window appears.
2. Select desired skin.
3. Press **OK**. New skin will appear on panel.

Other Settings

Internet Updates: Enables MouseCaster to automatically check the website for new skins and software updates; make sure that this option is checked. To select, left-click; to unselect, click again.

Website: Opens MouseCaster vendor's home page.

Troubleshooting

Frequently Asked Questions

1. Which PS/2 port should be used to connect MouseCaster to my computer?

My computer has 2 PS/2 ports. Which port should I use to connect MouseCaster, and which port should be used to connect the keyboard?

On most computers you can connect to any of these ports. However, it is recommended to connect MouseCaster to the mouse port—the one marked with a mouse symbol. Today, it is customary to mark different ports using colors or special symbols, for easy identification of each port. For example:

Mouse port—green, with a mouse symbol

Keyboard port—purple, with keyboard symbol

2. Which sound card connection should I use to connect the radio plug?

My sound card has 3 slots. Where should I plug in the radio?

The radio should be connected to the port marked LINE-IN on your sound card.
Most computer sound cards have the following ports:

- External speakers OUT (FRONT)
- Rear Speakers OUT (REAR)—this is an option not available on all sound cards.
- LINE-IN port
- External microphone connection
- It is customary to mark each port with a different color or symbol for easy identification:
- **LINE-IN**—light blue symbol—inward arrow
- **Speakers OUT**—light green symbol—outward arrow or headphones
- **Microphone**—pink symbol—microphone

3. My computer has 2 sound cards—which one should be connected to MouseCaster?

On my computer there is a sound card that is part of the motherboard, and another one installed separately. Which sound card should I connect to?

Some computers have one sound card built into the motherboard and an additional one installed separately. You should use the same sound card to which the speakers are connected. Plug MouseCaster into the LINE-IN on this card. If the LINE-IN on this card is already in use, you may connect the MouseCaster to the second sound card instead.

Note: You must specify which sound card MouseCaster is connected into. After starting the MouseCaster program, refer to the MouseCaster User Manual, System Icon Description. Follow the instructions for setting the sound card properties, selecting the sound card that the MouseCaster is connected to.

4. I don't have a LINE-IN port in my computer.

I have a laptop and there is no LINE-IN, just an **OUT** to the speakers and an **IN** for the microphone.

On some laptops there is no LINE-IN. In this case, connect the MouseCaster to the microphone port and specify this option to the software ***(see Note in question 3 above)***.

Note: Connecting to the microphone port may cause a decrease in sound quality and is dependent upon the quality of the sound card.

5. The mouse doesn't move.

I replaced my old mouse with MouseCaster and the cursor on the screen does not move.

MouseCaster is a Microsoft-compatible mouse. After replacing your existing mouse, you must reboot the computer to enable the operating system to recognize the new mouse.

If after reboot the computer still does not recognize the MouseCaster mouse, turn off your computer, unplug MouseCaster and reconnect it to the PS/2 or USB port.

6. The mouse is jumping around.

I connected MouseCaster to the PS/2 port and the cursor is jumping all around the screen, opening programs and documents, and I cannot control it.

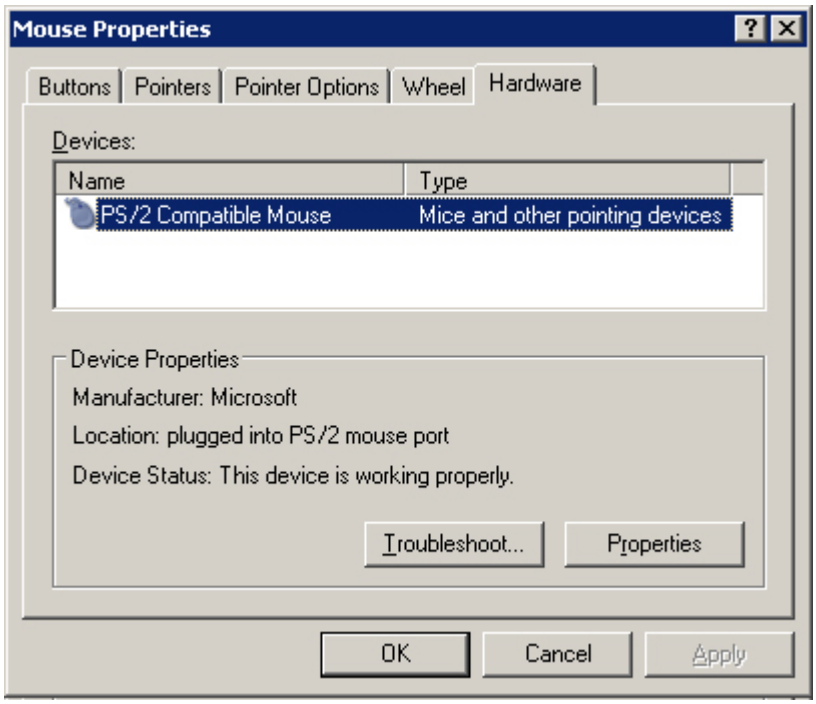
MouseCaster is a Microsoft-compatible mouse. Verify that the mouse driver installed in your computer is a Microsoft PS/2-compatible mouse.

To check or change the mouse driver definition, perform the following:

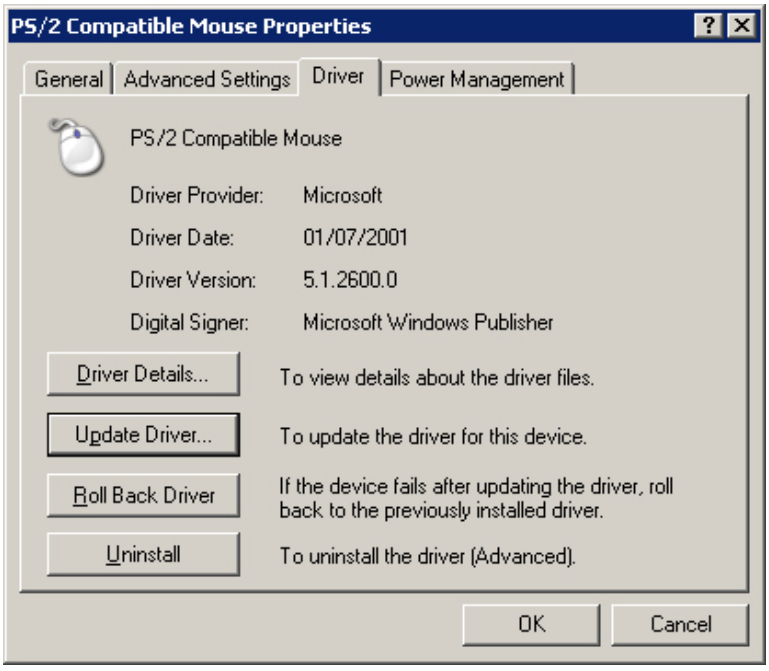
1. Click on the **Start Button > Control Panel >**
2. Look for the **Mouse** icon and double-click to enter Mouse Settings.

3. Select the **Hardware** tab and check which driver is listed for your mouse. If it is other than a **"PS/2 Compatible Mouse,"** you must change the driver as follows:

   a) Double-click on the driver displayed on the screen:



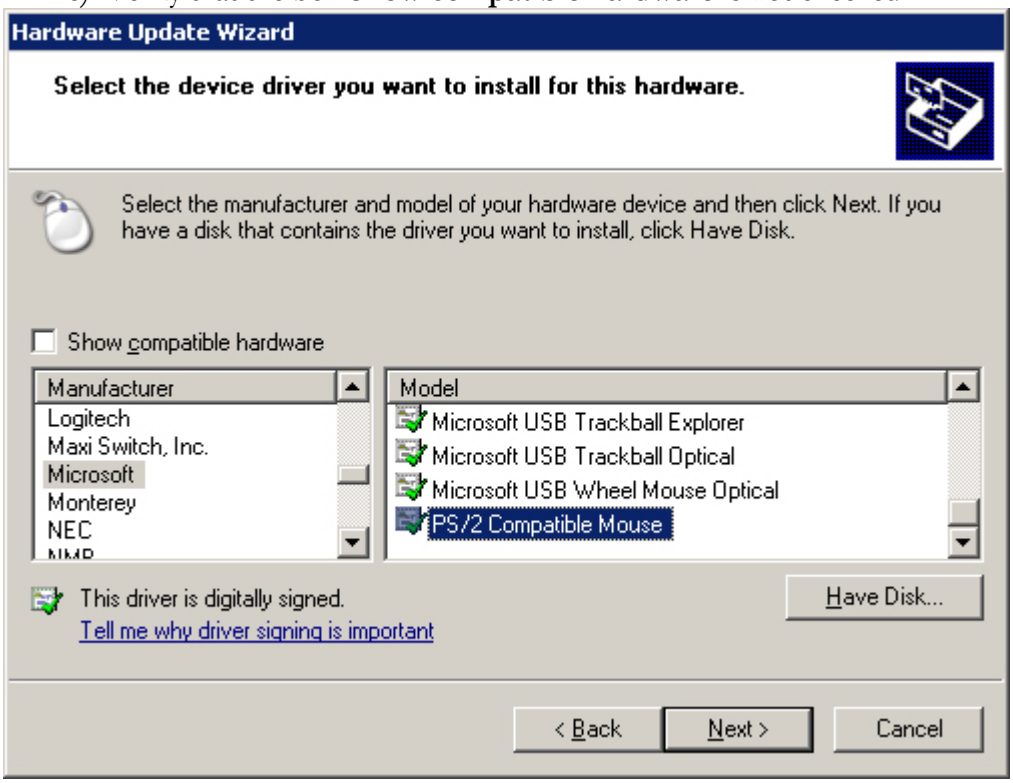
   b) A window opens containing information for the currently installed driver. Select the **Driver** tab and then **Update Driver**.



   c) A Wizard window will open to assist you in selecting the correct driver. Choose and select the option "**Install from a specific location**."

d) Click **Next** to advance to the next screen. Select the option:
"Don't search, I will choose the driver to install."

e) Verify that the box **Show compatible hardware** is not checked.


Hardware Update Wizard
Select the device driver you want to install for this hardware.
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Show compatible hardware
Manufacturer
Logitech
Maxi Switch, Inc.
Microsoft
Monterey
NEC
Model
Microsoft USB Trackball Explorer
Microsoft USB Trackball Optical
Microsoft USB Wheel Mouse Optical
PS/2 Compatible Mouse
This driver is digitally signed.
Tell me why driver signing is important
Have Disk...
< Back
Next >
Cancel

f) Under Manufacturer, select "**Microsoft**," then select "**PS/2 Compatible Mouse.**"

g) Click **Next** to end this process.

7. I use a laptop and the mouse is jumping around.

I connected MouseCaster to my laptop's PS/2 port, changed the driver as instructed, and still the cursor is jumping all around the screen, opening programs and documents, and I cannot control it.

The reason is an internal conflict between two components, both defined for the same PS/2 port on your computer.

Explanation: Portable computers have an **"internal mouse"** component. (On some laptops this is a trackball button and on others a touch pad.) This component is set to and uses the PS/2 port on your computer. Therefore MouseCaster cannot communicate with the radio receiver on the other end of the PS/2.

In order to fix this conflict it is necessary to define in the computer's BIOS that only one component can be active when connected to the PS/2 port. In other words, you must stipulate that when an external mouse is connected to the PS/2 port, the main internal component must be disabled. For most portable computers it is recommended to specify *Auto Disable* so the computer will automatically identify an external mouse such as the MouseCaster and enable it to be the tracking device.

Note: Setting BIOS parameters require fairly advanced professional knowledge of the computer. It is recommended that you consult a specialist before performing such an operation.

8. The install program does not run automatically.

I put the Installation CD into the CD drive, but nothing happens.

Wait a few seconds. It is possible that the computer's memory is overloaded and it will take some time to run the program. On some computers the option to automatically activate the CD drive has been canceled and will require that you manually run the setup program. If the setup program does not start automatically, do the following:

1. Select and view the CD or DVD drive using **Windows Explorer** or **My Computer**.
2. Verify that the installation disk is in the appropriate drive.
3. Double-click on the file **setup.exe** to run the program.
4. The main window will open. Follow the instructions.

9. I can't complete installation.

After running the MouseCaster setup program, the computer informs me that I cannot save and install the program.

This problem occurs in organizations where special authorization is required to install programs. It appears that on your computer, the option to install programs independently has been blocked. Verify that you are authorized to install programs on your computer. If you do not have such authorization, please contact the person responsible in your organization. There is no sound.

10. I installed MouseCaster and then started the program, but I cannot hear the radio.

Check that you can hear sounds from other players/sources you have on your computer. If you do, make sure you completed your sound-card setting as describe on page 10.

A good indication that your sound card is set properly is that you can hear the jingle accompanying the opening of MouseCaster program (heard when double-clicking on MouseCaster desktop icon).

Double-check that:

- You correctly connected MouseCaster's plug to the **LINE-IN** port on the sound card.
- You have correctly defined control over the **LINE-IN** channel through the radio panel.
- The **Mute** button is not pressed.

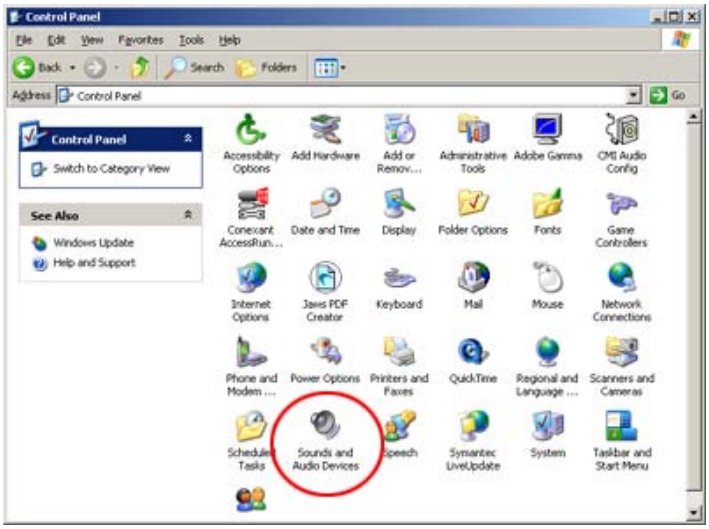
Search for a radio program that you are familiar with in your local area using the MouseCaster scan buttons—check if you can hear anything.

Verify that your sound card is defined correctly—ask a professional for assistance.

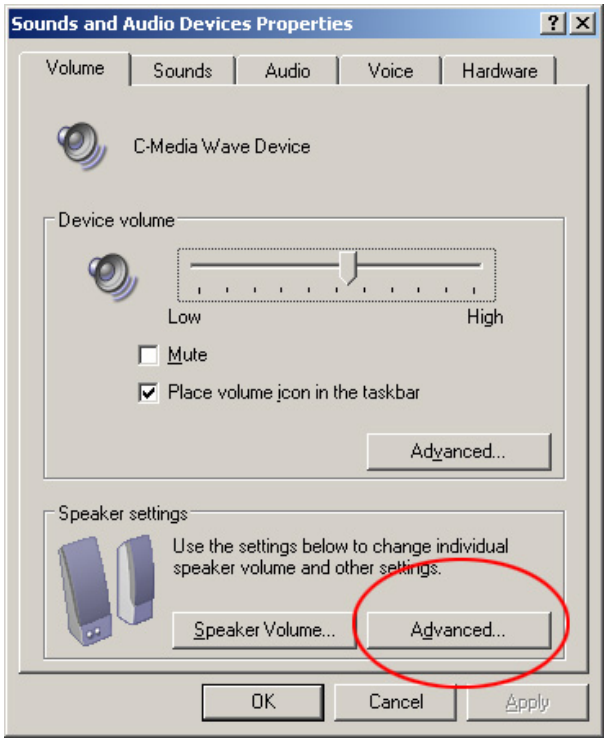
11. I've done everything, but there's still no sound.

In some sound cards the rear speakers can be connected and operated when set to **SURROUND**. In this case the front speakers are connected to the usual speaker exit and the rear speakers to the Line-In connector, which then becomes the exit for the speakers. In order to do this, the sound card has to be set accordingly. Please perform the following steps:

1. Open the **Control Panel**



2. Press **Sounds and Audio Devices** (in Windows XP, marked with a circle)
3. Under **Speaker settings**, choose **Advanced**



4. Check that your card is not set to SURROUND, since this would turn the Line-In connector into the exit for the Rear speakers instead of the Line-In entry.

5. Check that your computer is set up to work with two speakers and that SURROUND is off.

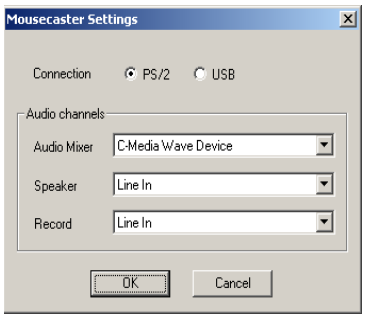
Note: It is recommended to choose **Desktop stereo speakers** initially and to make sure that the problem has been solved.

12. The sound is not clear.

I connected the mouse, installed the MouseCaster software, and started the program. I hear the radio, but the sound quality is very poor.

Verify that you did not connect MouseCaster to the ***Microphone*** input. The microphone port is designed for voice, not music, and therefore produces a lower-quality sound if you try to use this port for music.

13. I have sound, but I cannot control the volume.



I connected the mouse, installed MouseCaster's software, and started the program. I scanned for a station and I can hear the radio but cannot control the volume using the Radio panel. The Mute button does not work.

Verify that the **Volume** button on the MouseCaster Radio panel is turned up, that the **Mute** button is defined correctly and that these buttons are controlling the sound-card port to which you have connected the MouseCaster sound plug.

To do so, select the **Properties** button located in the top left corner of the radio panel and repeat the procedure described on page 10.

14. I cannot start the program.

I connected the mouse and installed the MouseCaster's software. I successfully started the program a few times and now it will not start.

It may be that the software is activated and operating under the hidden view mode, and that the audio is muted. Check if the MouseCaster icon appears at the bottom right corner of the screen (SysTray). If it appears, double-click or right click the icon and select ***Show radio panel***. If the icon is not found in the SysTray, reboot your computer and try again.

15. I can hear the radio, but I don't see the panel.

I rebooted my computer and when the computer came up I heard the radio but did not see the panel.

This happens after the computer is rebooted without first closing and exiting MouseCaster program. MouseCaster continues to broadcast the station to which it was tuned prior to reboot. After rebooting you should reactivate the MouseCaster radio panel and continue to enjoy.

Troubleshooting Hardware Installation Wireless Mouse

16. Mouse not detected

When using the mouse, it may not be detected by the computer. To remedy this problem, try the following:

- Make sure the cradle cable is plugged into the correct mouse port ***(refer to page 5)***.
- Make sure your mouse port has the proper configuration. Refer to your computer documentation for the correct port configuration.
- You may have other system devices (e.g., a LAN card) that conflict with your mouse. Ask your computer specialist to check the IRQ/address settings of these devices for conflicts and change the settings as required.

17. Screen cursor does not move properly when using USB mouse.

Try one or more of the following:

- Make sure the USB adapter is connected properly.
- Change the position of your cradle. It may be too far from the mouse or it also may be that the computer monitor or a large metal object are interfering with the receiver's reception.
- Charge the battery.
- You may also need to change the channel for the mouse. Press the CONNECT button on the cradle, then press the CONNECT button on the mouse ***(refer to page 7)***.
- If your tabletop surface is red in color or is highly reflective like a mirror, your tabletop surface may be interfering with the optical sensor of the mouse. Try using a mouse pad or use the mouse on a different tabletop surface.

Technical Support

Below is the contact information for assistance with any problem that may occur:

Tel: 1-310-281-2040
Fax: 1-310-734-1752
Website: www.mousecaster.com Email: support@mousecaster.com